

# PATENT COOPERATION TREATY

# PCT


## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

REC'D 27 SEP 2005

PCT

Applicant's or agent's file reference P200302000 WO		<b>FOR FURTHER ACTION</b>		See Form PCT/PEA/416
International application No. PCT/EP2004/012486		International filing date (day/month/year) 02.11.2004		Priority date (day/month/year) 27.11.2003
International Patent Classification (IPC) or national classification and IPC H04M1/2745, H04M1/00				
Applicant SONY ERICSSON MOBILE COMMUNICATIONS AB ET AL.				
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input checked="" type="checkbox"/> sent to the applicant and to the International Bureau a total of 5 sheets, as follows:</p> <p><input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>				
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the opinion</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input checked="" type="checkbox"/> Box No. VIII Certain observations on the international application</p>				
Date of submission of the demand  20.07.2005		Date of completion of this report  28.09.2005		
Name and mailing address of the international preliminary examining authority:   European Patent Office - P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Tx: 31 651 epo nl Fax: +31 70 340 - 3016		Authorized Officer  de Biolley, L  Telephone No. +31 70 340-3137		



**INTERNATIONAL PRELIMINARY REPORT  
ON PATENTABILITY**

International application No.  
PCT/EP2004/012486

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**Box No. I Basis of the report**

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1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language , which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
  - ☐ publication of the international application (under Rule 12.4)
  - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the **elements\*** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):*

**Description, Pages**

1, 3-13	as originally filed
2, 2a	received on 20.07.2005 with letter of 15.07.2005

**Claims, Numbers**

1-10	received on 20.07.2005 with letter of 15.07.2005
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**Drawings, Sheets**

1/4-4/4	as originally filed
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- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages
- ☐ the claims, Nos.
- ☐ the drawings, sheets/figs
- ☐ the sequence listing (*specify*):
- ☐ any table(s) related to sequence listing (*specify*):

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages
- ☐ the claims, Nos.
- ☐ the drawings, sheets/figs
- ☐ the sequence listing (*specify*):
- ☐ any table(s) related to sequence listing (*specify*):

\* If item 4 applies, some or all of these sheets may be marked "superseded."

**INTERNATIONAL PRELIMINARY REPORT  
ON PATENTABILITY**

International application No.  
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**Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

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1. Statement

Novelty (N)	Yes: Claims	1-10
	No: Claims	
Inventive step (IS)	Yes: Claims	2-5,7-10
	No: Claims	1,6
Industrial applicability (IA)	Yes: Claims	1-10
	No: Claims	

2. Citations and explanations (Rule 70.7):

**see separate sheet**

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**Box No. VIII Certain observations on the international application**

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The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

**see separate sheet**

**Re Item V.**

- 1 The following documents are referred to in this communication:

**D1: US-B1-6 288 718 (LAURSEN ANDREW L ET AL) 11 September 2001 (2001-09-11)**

**2 INDEPENDENT CLAIMS 1 AND 6**

- 2.1 The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claim 1 does not involve an inventive step in the sense of Article 33(3) PCT. Document D1 discloses (the references in parentheses applying to this document):

A method of selecting a number or address from a list stored in a telecommunications device (col. 4, lines 38-44) ~~for initiating a call or sending a message from the telecommunications device to said number or address~~, said list comprising names and one or more numbers or addresses corresponding to each name (), the method comprising the steps of:

- displaying a list comprising at least some of said stored names (fig. 3A; col. 5, lines 6-13), and
- highlighting one of said displayed names (fig. 3A, ref. 311) displayed in the list characterized in that the method further comprises the step of displaying the highlighted name in the list together with a default one of the one or more numbers or addresses corresponding to the highlighted name (fig. 3A, ref. 319; col. 5, lines 20-29).

- 2.2 The subject-matter of claim 1 therefore differs from this known method in that D1 does not mention the possibility of initiating a call or sending a message to said number or address. However, since the method of D1 has been designed to be implemented on a portable device having limited keyboard and display screen like a cellular phone (see D1, col. 4, lines 31-44), it seems rather obvious that the purpose of the method, after a desired phone number has been retrieved, is to initiate a call or send a message to the retrieved number.

Thus, the subject-matter of D1 does not involve an inventive step.

2.2 Similar reasoning can be applied to independent claim 6. The subject-matter of said claim does also not involve an inventive step.

**3 DEPENDENT CLAIMS 2-5 AND 7-10**

Dependent claims 2-5 and 7-10 are not rendered obvious by the available prior art. Said claims therefore meet the requirements of the PCT in respect of novelty and inventive step (Article 33(2) and (3) PCT).

**Re Item VIII.**

- 1 The wording "and/or" in claims 1 and 6 renders the claims vague (Article 6 PCT) because it seems that on the one hand the several features must be combined (by using "and") to make the method work or that on the other hand the features can be combined (by using "or") to make the method work.

Even in these devices some contacts will be stored with only one number. However, for such contacts the user will still have to select the name and get the list of corresponding numbers. Thus the list with numbers of that contact will be showed anyway; it will just only comprise one single number, and especially in these cases the additional key press needed to obtain the list seems annoying. In other words, this method is consistent in use, because the key sequence is the same for all contacts, but an additional key press is always needed.

One solution could be to select the number directly, when there is only one number stored for a contact person, and then only use the extra list for contact persons having more than one number. In this case the extra key press is avoided for entries with only one number, but this solution is inconsistent, because the number of key presses needed to initiate a call differs depending on how many numbers there are stored for the selected contact person, and since this can not always be remembered by the user there is a risk of mistakes; e.g. the user may forget to press "call" when a call should be initiated to a contact person for which only one number is stored.

**INSERT PAGE 2a ►**

Therefore, it is an object of the invention to provide a method of making phone calls or sending messages with as few key presses as possible and which has a consistent interaction design regardless whether one single or multiple numbers is/are entered for a given contact person.

**25    Summary**

According to the invention the object is achieved in that the method further comprises the step of displaying the highlighted name together with a default one of the one or more numbers and/or addresses corresponding to the highlighted name.

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In this way, when entering the contact list a number can be called directly with one key press. This means that one key press is saved compared to the prior art method. The suggested solution also has other advantages. If a

2a

***To be inserted on page 2:***

- An example of device capable of storing more than one number or address for each name and in which a new list with the associated numbers is shown
- 5 when a name is selected, is known from US 6 222 921. In the first display with the list of names an icon shown beside each name indicates the type of number (i.e. office, home, mobile, etc.) that will be shown as a primary number when the new list with the numbers is displayed.
- 10 US 6 288 718 shows a method of scrolling a zoom window through a list of items from a structured database which may comprise names and associated phone numbers or addresses. A number can be displayed together with a name in the zoom window. However, this document only relates to finding and viewing a desired record from the database and not to the selection of a
- 15 number for initiating a call.

**Patent claims (amended):**

1. A method of selecting a number or address from a list stored in a telecommunications device (1) for initiating a call or sending a message from the telecommunications device to said number or address, said list comprising names and one or more numbers or addresses corresponding to each name, the method comprising the steps of:
- displaying a list comprising at least some of said stored names, and
  - highlighting one of said names displayed in the list,
- characterized in that the method further comprises the step of displaying the highlighted name in the list together with a default one of the one or more numbers and/or addresses corresponding to the highlighted name.
2. A method according to claim 1, characterized in that the method further comprises the step of indicating together with the default number or address whether the list comprises more than one number or address corresponding to the highlighted name.
3. A method according to claim 1 or 2, characterized in that the method further comprises the step of selecting the displayed default number or address, if it is indicated that this number or address is the only number or address in the list corresponding to the highlighted name.
4. A method according to claim 2, characterized in that the method further comprises the steps of:
- scrolling, if it is indicated that the list comprises more than one number or address corresponding to the highlighted name, and if the displayed default number or address is not the one to which a call should be initiated or a message sent, through the numbers or addresses corresponding to the selected name by means of a 4-way navigation device



(4) until the number or address to which a call should be initiated or a message sent is displayed; and

- selecting, when the number or address to which a call should be initiated or a message sent is displayed, the displayed number.

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5. A method according to any one of claims 1 to 4, c h a r a c t e r - i z e d in that said default one of the one or more numbers or addresses corresponding to the highlighted name is selected independence on a mode of said telecommunications device.

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6. A telecommunications device (1) adapted to select a number or address from a list stored in the telecommunications device for initiating a call or sending a message from the telecommunications device to said number or address, said list comprising names and one or more numbers or addresses corresponding to each name, the telecommunications device being arranged to:

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- display a list comprising at least some of said stored names, and
- highlight one of said names displayed in the list,

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c h a r a c t e r i z e d in that the telecommunications device (1) is further arranged to display the highlighted name in the list together with a default one of the one or more numbers and/or addresses corresponding to the highlighted name.

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7. A telecommunications device according to claim 6, c h a r a c - t e r i z e d in that the device is further arranged to indicate together with the default number or address whether the list comprises more than one number or address corresponding to the highlighted name.

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8. A telecommunications device according to claim 6 or 7, c h a r a c - t e r i z e d in that the device is further arranged to select the displayed default number or address, if it is indicated that this number or address is the only number or address in the list corresponding to the highlighted name.

9. A telecommunications device according to claim 7, c h a r a c -  
t e r i z e d in that the device is further arranged to:

- 5 • scroll, if it is indicated that the list comprises more than one number or  
address corresponding to the highlighted name, and if the displayed  
default number or address is not the one to which a call should be ini-  
tiated or a message sent, through the numbers or addresses corre-  
sponding to the selected name by means of a 4-way navigation device  
10 (4) until the number or address to which a call should be initiated or a  
message sent is displayed; and
- select, when the number or address to which a call should be initiated  
or a message sent is displayed, the displayed number.

10. A telecommunications device according to any one of claims 6 to 9,  
15 c h a r a c t e r i z e d in that said default one of the one or more  
numbers or addresses corresponding to the highlighted name is selected in  
dependence on a mode of said telecommunications device.